

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Kazuhiro NAKANISHI et al.

Application No.: 10/647,226

Filed: August 26, 2003

Docket No.: 116931



For: HYDROLYZING/DEHYDRATION CONDENSING ENZYMES, METHOD FOR PRODUCING THE ENZYME AND METHOD FOR SYNTHESIZING AMIDE BY USING THE ENZYME

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. Relevance of the language references is discussed in the present specification.
- 3. The references were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.
- 4. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 C.F.R. §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.

Respectfully submitted,



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Sheet 1 of 1

| Form PTO-1449 (REV. 8-83) | | | US Dept. of Commerce PATENT & TRADEMARK OFFICE | | ATTY DOCKET NO. 116931 | APPLICATION NO. 10/647,226 | |
|---|---|--|---|-----------------|---------------------------|-------------------------------|-----------|
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | APPLICANTS Kazuhiko NAKANISHI et al. | | | | |
| | | | FILING DATE August 26, 2003 | | | | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | | CLASS | SUB CLASS |
| | 1 | 4,515,891 | 05/07/1985 | Yokogawa et al. | | | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
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| | 4 | Wakayama et al, "Comparative biochemistry of bacterial N-acyl-D-amino acid amidohydrolase", Journal of Molecular Catalysis B, Enzymatic 12, 2001, pp 15-25 | | | | | |
| | 5 | Torres et al, "Enhanced production of penicillin V acylase for <i>Streptomyces lavendulae</i> ", Appl Microbiol, 1999, pp 81-84 | | | | | |
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| EXAMINER | | | | | DATE CONSIDERED | | |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |